

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/581089.app.	US-PGPUB; USPAT	OR	ON	2008/06/12 12:46
S2	255	359/3.cor.	US-PGPUB; USPAT	OR	ON	2008/06/12 13:48
S3	192	S2 and @ad< "20041118"	US-PGPUB; USPAT	OR	ON	2008/06/12 13:49
S4	2	S3 and (record\$3 with spacer)	US-PGPUB; USPAT	OR	ON	2008/06/12 14:19
S5	151187	((optical or record\$3 or laser) near5 (media or medium or dis\$2)).ti,ab, clm.	US-PGPUB; USPAT	OR	ON	2008/06/12 14:21
S6	119556	S5 and @ad< "20041118"	US-PGPUB; USPAT	OR	ON	2008/06/12 14:21
S7	754	S6 and (volume near2 (hologram or holograph \$2))	US-PGPUB; USPAT	OR	ON	2008/06/12 14:22
S8	550	S7 and parallel\$4	US-PGPUB; USPAT	OR	ON	2008/06/12 14:22
S9	131	359/35.cor.	US-PGPUB; USPAT	OR	ON	2008/06/12 14:26
S10	0	428/53.ccls. and (volume near5 (hologram or holograph\$2))	US-PGPUB; USPAT	OR	ON	2008/06/12 14:30
S11	0	(428/54-56).cor. and (volume near5 (hologram or holograph\$2))	US-PGPUB; USPAT	OR	ON	2008/06/12 14:34
S12	0	(428/57-62).cor. and (volume near5 (hologram or holograph\$2))	US-PGPUB; USPAT	OR	ON	2008/06/12 14:35
S13	0	(428/64.8-64.9).cor. and (volume near5 (hologram or holograph\$2))	US-PGPUB; USPAT	OR	ON	2008/06/12 14:35
S14	0	(428/66.4).cor. and (volume near5 (hologram or holograph\$2))	US-PGPUB; USPAT	OR	ON	2008/06/12 14:35
S15	0	(428/70).cor. and (volume near5 (hologram or holograph\$2))	US-PGPUB; USPAT	OR	ON	2008/06/12 14:35
S16	34	S7 and (uneven\$4 or un \$2even\$4 or ("not" adj even\$4))	US-PGPUB; USPAT	OR	ON	2008/06/12 14:36

S17	30	("4415224"   "4540247"   "4840443").PN. OR ("5064258").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/12 14:53
S18	0	"56164301".pn.	JPO	OR	ON	2008/06/12 15:12
S19	0	"56-164301".pn.	JPO	OR	ON	2008/06/12 15:12
S20	0	"56164301"	JPO	OR	ON	2008/06/12 15:12
S21	0	"56-164301"	JPO	OR	ON	2008/06/12 15:12
S22	61	S7 and (smooth or smoothen\$3)	US-PGPUB; USPAT	OR	ON	2008/06/12 15:23
S23	126	S7 and (relief)	US-PGPUB; USPAT	OR	ON	2008/06/12 15:33
S24	12	S7 and (relief).ab.	US-PGPUB; USPAT	OR	ON	2008/06/12 15:33
S25	1	"4458974".pn.	US-PGPUB; USPAT	OR	ON	2008/06/12 18:12
S26	1	"4458977".pn.	US-PGPUB; USPAT	OR	ON	2008/06/12 18:12
S27	2	("01231082" "05281895").pn.	JPO	OR	ON	2008/06/12 18:15
S28	0	S7 and (spacer with surround)	US-PGPUB; USPAT	OR	ON	2008/06/12 18:38
S29	0	S7 and (spacer same surround)	US-PGPUB; USPAT	OR	ON	2008/06/12 18:38
S30	117	S7 and (spacer)	US-PGPUB; USPAT	OR	ON	2008/06/12 18:38
S31	1	S7 and (spacer with surround\$3)	US-PGPUB; USPAT	OR	ON	2008/06/12 18:38
S32	5347	S6 and (hologr\$7)	US-PGPUB; USPAT	OR	ON	2008/06/12 18:39
S33	1610	S6 and (hologr\$7).ab.	US-PGPUB; USPAT	OR	ON	2008/06/12 18:40
S34	2	S33 and (spacer with surround\$3)	US-PGPUB; USPAT	OR	ON	2008/06/12 18:40
S35	0	S33 and (constain\$3 or encompass\$3))	US-PGPUB; USPAT	OR	ON	2008/06/12 18:45
S36	10	(US-20020150825-\$ or US-20070013981-\$ or US-20030124435-\$).did. or (US-5064258-\$ or US-6413680-\$ or US-4733065-\$ or US-4458977-\$ or US-3897995-\$).did. or (JP-01231082-\$ or JP-05281895-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2008/06/12 19:06

S37	5	S36 and silicon\$2	US-PGPUB; USPAT; JPO	OR	ON	2008/06/12 19:07
S38	1	"3996187".pn.	US-PGPUB; USPAT; JPO	OR	ON	2008/06/12 19:55
S39	1	jp-01231082-\$.did.	DERWENT	OR	ON	2008/06/12 21:03
S40	1	1989-313020.NRAN.	DERWENT	OR	ON	2008/06/12 21:04
S41	1	10/581089.app.	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S42	267	359/3.cor.	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S43	192	S42 and @ad<"20041118"	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S44	2	S43 and (record\$3 with spacer)	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S45	159279	((optical or record\$3 or laser) near5 (media or medium or dis\$2)).ti,ab, clm.	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S46	120846	S45 and @ad<"20041118"	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S47	770	S46 and (volume near2 (hologram or holograph \$2))	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S48	561	S47 and parallel\$4	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S49	135	359/35.cor.	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S50	0	428/53.cds. and (volume near5 (hologram or holograph\$2))	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S51	0	(428/54-56).cor. and (volume near5 (hologram or holograph\$2))	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S52	0	(428/57-62).cor. and (volume near5 (hologram or holograph\$2))	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S53	0	(428/64.8-64.9).cor. and (volume near5 (hologram or holograph\$2))	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S54	0	(428/66.4).cor. and (volume near5 (hologram or holograph\$2))	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S55	0	(428/70).cor. and (volume near5 (hologram or holograph\$2))	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46

S56	35	S47 and (uneven\$4 or un\$2even\$4 or ("not" adj even\$4))	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S57	30	("4415224"   "4540247"   "4840443").PN. OR ("5064258").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/12 13:46
S58	0	"56164301".pn.	JPO	OR	ON	2008/12/12 13:46
S59	0	"56-164301".pn.	JPO	OR	ON	2008/12/12 13:46
S60	0	"56164301"	JPO	OR	ON	2008/12/12 13:46
S61	0	"56-164301"	JPO	OR	ON	2008/12/12 13:46
S62	61	S47 and (smooth or smoothen\$3)	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S63	127	S47 and (relief)	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S64	12	S47 and (relief).ab.	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S65	1	"4458974".pn.	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S66	1	"4458977".pn.	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S67	2	("01231082" "05281895").pn.	JPO	OR	ON	2008/12/12 13:46
S68	0	S47 and (spacer with surround)	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S69	0	S47 and (spacer same surround)	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S70	119	S47 and (spacer)	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S71	1	S47 and (spacer with surround\$3)	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S72	5402	S46 and (hologr\$7)	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S73	1629	S46 and (hologr\$7).ab.	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S74	2	S73 and (spacer with surround\$3)	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46
S75	0	S73 and (spacer with (constain\$3 or encompass\$3))	US-PGPUB; USPAT	OR	ON	2008/12/12 13:46

S76	10	(US-20020150825-\$ or US-20070013981-\$ or US-20030124435-\$).did. or (US-5064258-\$ or US-6413680-\$ or US-4733065-\$ or US-4458977-\$ or US-3897995-\$).did. or (JP-01231082-\$ or JP-05281895-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2008/12/12 13:46
S77	5	S76 and silicon\$2	US-PGPUB; USPAT; JPO	OR	ON	2008/12/12 13:46
S78	1	"3996187".pn.	US-PGPUB; USPAT; JPO	OR	ON	2008/12/12 13:46
S79	1	jp-01231082-\$.did.	DERWENT	OR	ON	2008/12/12 13:46
S80	1	1989-313020.NRAN.	DERWENT	OR	ON	2008/12/12 13:46
S81	1	"7507392".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/18 17:59
S82	1	"6384255".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/18 18:02

6/ 18/ 2009 9:09:33 PM

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\ 10581089Mizushima\_Tetsuro.wsp